

# STN Columbus

663971

\* \* \* \* \* Welcome to STN International \* \* \* \* \*

NEWS 1 Web Page URLs for STN Seminar Schedule - N. America  
NEWS 2 "Ask CAS" for self-help around the clock  
NEWS 3 SEP 01 New pricing for the Save Answers for SciFinder Wizard within  
STN Express with Discover!  
NEWS 4 OCT 28 KOREAPAT now available on STN  
NEWS 5 NOV 30 PHAR reloaded with additional data  
NEWS 6 DEC 01 LISA now available on STN  
NEWS 7 DEC 09 12 databases to be removed from STN on December 31, 2004  
NEWS 8 DEC 15 MEDLINE update schedule for December 2004  
NEWS 9 DEC 17 ELCOM reloaded; updating to resume; current-awareness  
alerts (SDIs) affected  
NEWS 10 DEC 17 COMPUAB reloaded; updating to resume; current-awareness  
alerts (SDIs) affected  
NEWS 11 DEC 17 SOLIDSTATE reloaded; updating to resume; current-awareness  
alerts (SDIs) affected  
NEWS 12 DEC 17 CERAB reloaded; updating to resume; current-awareness  
alerts (SDIs) affected  
NEWS 13 DEC 17 THREE NEW FIELDS ADDED TO IFIPAT/IFIUDB/IFICDB  
NEWS 14 DEC 30 EPFULL: New patent full text database to be available on STN  
NEWS 15 DEC 30 CAPLUS - PATENT COVERAGE EXPANDED  
NEWS 16 JAN 03 No connect-hour charges in EPFULL during January and  
February 2005  
NEWS 17 FEB 25 CA/CAPLUS - Russian Agency for Patents and Trademarks  
(ROSPATENT) added to list of core patent offices covered  
NEWS 18 FEB 10 STN Patent Forums to be held in March 2005  
NEWS 19 FEB 16 STN User Update to be held in conjunction with the 229th ACS  
National Meeting on March 13, 2005  
NEWS 20 FEB 28 PATDPAFULL - New display fields provide for legal status  
data from INPADOC  
NEWS 21 FEB 28 BABS - Current-awareness alerts (SDIs) available  
NEWS 22 FEB 28 MEDLINE/LMEDLINE reloaded  
NEWS 23 MAR 02 GBFULL: New full-text patent database on STN  
NEWS 24 MAR 03 REGISTRY/ZREGISTRY - Sequence annotations enhanced  
NEWS 25 MAR 03 MEDLINE file segment of TOXCENTER reloaded  
  
NEWS EXPRESS JANUARY 10 CURRENT WINDOWS VERSION IS V7.01a, CURRENT  
MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),  
AND CURRENT DISCOVER FILE IS DATED 10 JANUARY 2005  
  
NEWS HOURS STN Operating Hours Plus Help Desk Availability  
NEWS INTER General Internet Information  
NEWS LOGIN Welcome Banner and News Items  
NEWS PHONE Direct Dial and Telecommunication Network Access to STN  
NEWS WWW CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that  
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\* \* \* \* \* STN Columbus \* \* \* \* \*

FILE 'HOME' ENTERED AT 06:36:03 ON 21 MAR 2005

# STN Columbus

```
=> fil reg
COST IN U.S. DOLLARS          SINCE FILE      TOTAL
                               ENTRY      SESSION
FULL ESTIMATED COST          0.21      0.21
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FILE 'REGISTRY' ENTERED AT 06:36:10 ON 21 MAR 2005  
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 COPYRIGHT (C) 2005 American Chemical Society (ACS)

Property values tagged with IC are from the ZIC/VINITI data file  
 provided by InfoChem.

STRUCTURE FILE UPDATES: 20 MAR 2005 HIGHEST RN 845957-95-1  
 DICTIONARY FILE UPDATES: 20 MAR 2005 HIGHEST RN 845957-95-1

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 18, 2005

Please note that search-term pricing does apply when  
 conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more  
 information enter HELP PROP at an arrow prompt in the file or refer  
 to the file summary sheet on the web at:  
<http://www.cas.org/ONLINE/DBSS/registryss.html>

```
=>
L1  SCREEN CREATED
```

```
=>
L2  STRUCTURE UPLOADED  NOT USED -
                                TWO REASON
```

```
=>
L3  QUE L2 AND L1
```

```
=> s l3 sam sss
SAMPLE SEARCH INITIATED 06:36:43 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 12196 TO ITERATE
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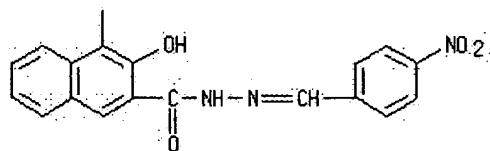
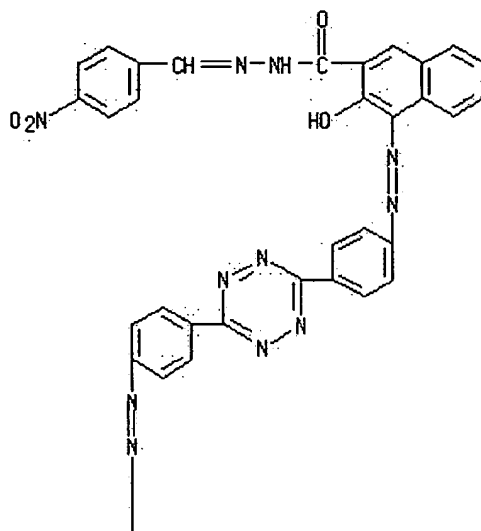
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8.2% PROCESSED      1000 ITERATIONS          7 ANSWERS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01
```

```
FULL FILE PROJECTIONS:  ONLINE  **COMPLETE**
                        BATCH  **COMPLETE**
PROJECTED ITERATIONS:    237304 TO  250536
PROJECTED ANSWERS:       1153 TO    2261
```

```
L4          7 SEA SSS SAM L2 AND L1
```

```
=> d scan
```

```
L4  7 ANSWERS  REGISTRY  COPYRIGHT 2005 ACS on STN
IN  2-Naphthalenecarboxylic acid, 4,4'-[1,2,4,5-tetrazine-3,6-diylbis(4,1-
    phenyleneazo)]bis[3-hydroxy-, bis[[4-nitrophenyl)methylene]hydrazide]
    (9CI)
MF  C50 H32 N14 O8
```



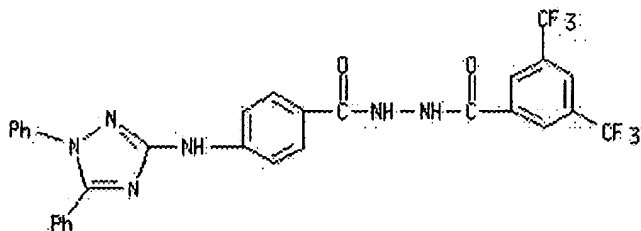
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1).

L4 7 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN

IN Benzoic acid, 3,5-bis(trifluoromethyl)-, 2-[4-[(1,5-diphenyl-1H-1,2,4-triazol-3-yl)amino]benzoyl]hydrazide (9CI)

MF C30 H20 F6 N6 O2

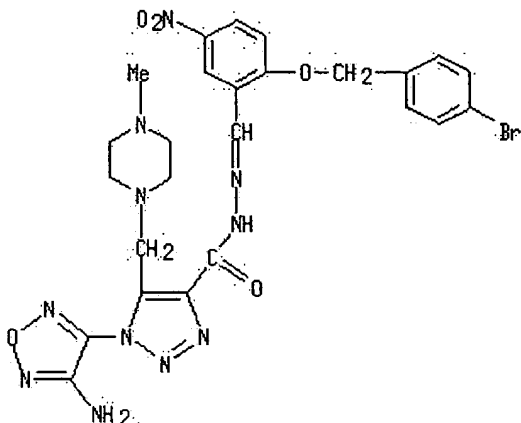


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1).

# STN Columbus

L4 7 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN  
 IN 1H-1,2,3-Triazole-4-carboxylic acid, 1-(4-amino-1,2,5-oxadiazol-3-yl)-5-  
 [(4-methyl-1-piperazinyl)methyl]-, [[2-[(4-bromophenyl)methoxy]-5-  
 nitrophenyl)methylene]hydrazide (9CI)  
 MF C25 H26 Br N11 O5

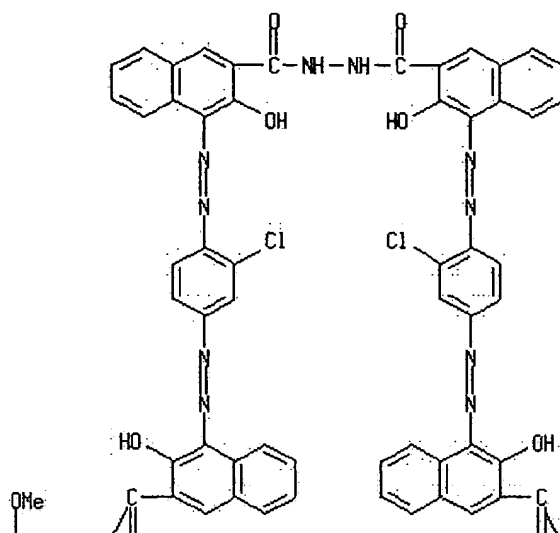


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1).

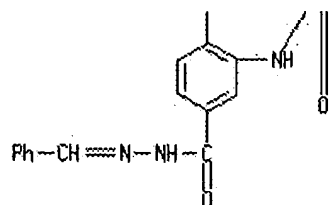
L4 7 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN  
 IN 2-Naphthalenecarboxylic acid, 4-[[2-chloro-4-[[2-hydroxy-3-[[[2-methoxy-5-  
 [(phenylmethylene)hydrazino]carbonyl]phenyl]amino]carbonyl]-1-  
 naphthalenyl]azo]phenyl]azo]-3-hydroxy-, 2-[[4-[[2-chloro-4-[[2-hydroxy-3-  
 [[2-methoxy-5-[(phenylmethylene)hydrazino]carbonyl]phenyl]amino]carbonyl  
 ]-1-naphthalenyl]azo]phenyl]azo]-3-hydroxy-2-naphthalenyl]carbonyl]hydrazide (9CI)  
 MF C86 H60 Cl2 N16 O12

PAGE 1-A

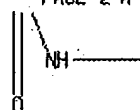


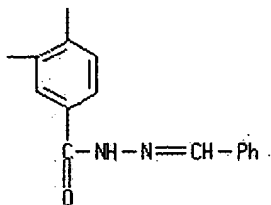
PAGE 1-B

OMe



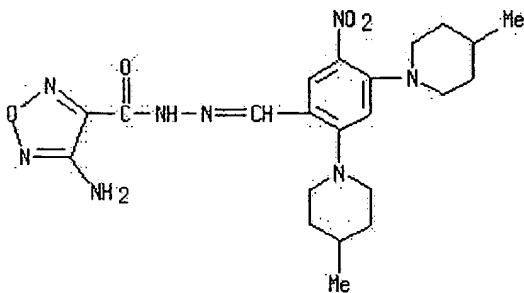
PAGE 2-A





HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1).

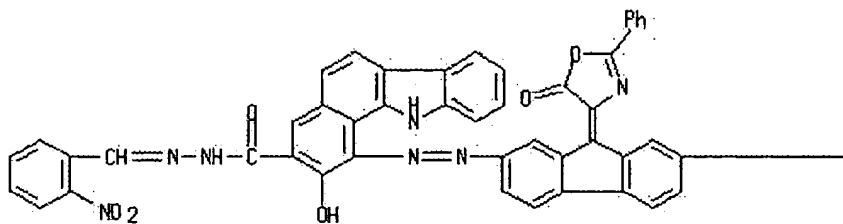
L4 7 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN  
 IN 1,2,5-Oxadiazole-3-carboxylic acid, 4-amino-, [[2,4-bis(4-methyl-1-piperidinyl)-5-nitrophenyl]methylene]hydrazide (9CI)  
 MF C22 H30 N8 O4

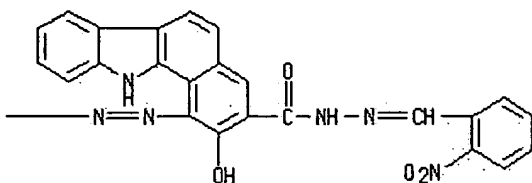


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1).

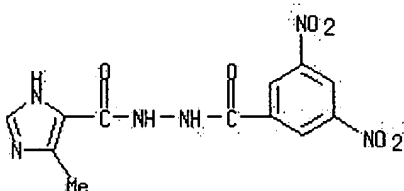
L4 7 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN  
 IN 11H-Benzo[a]carbazole-3-carboxylic acid, 1,1'-[[9-(5-oxo-2-phenyl-4(5H)-oxazolylidene)-9H-fluorene-2,7-diyl]bis(azo)]bis-3-hydroxy-, bis[[2-(2-nitrophenyl)methylene]hydrazide] (9CI)  
 MF C70 H41 N13 O10





HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1).

L4 7 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN  
 IN 1H-Imidazole-4-carboxylic acid, 5-methyl-, 2-(3,5-dinitrobenzoyl)hydrazide  
 (9CI)  
 MF C12 H10 N6 O6



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

ALL ANSWERS HAVE BEEN SCANNED

=> end

ALL L# QUERIES AND ANSWER SETS ARE DELETED AT LOGOFF

LOGOFF? (Y)/N/HOLD:h

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	1.29	1.50

SESSION WILL BE HELD FOR 60 MINUTES

STN INTERNATIONAL SESSION SUSPENDED AT 06:38:09 ON 21 MAR 2005

\* \* \* \* \* RECONNECTED TO STN INTERNATIONAL \* \* \* \* \*

SESSION RESUMED IN FILE 'REGISTRY' AT 06:44:09 ON 21 MAR 2005

FILE 'REGISTRY' ENTERED AT 06:44:09 ON 21 MAR 2005

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COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	1.29	1.50

=> fil reg

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	1.29	1.50

FILE 'REGISTRY' ENTERED AT 06:44:24 ON 21 MAR 2005

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Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 20 MAR 2005 HIGHEST RN 845957-95-1  
DICTIONARY FILE UPDATES: 20 MAR 2005 HIGHEST RN 845957-95-1

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 18, 2005

Please note that search-term pricing does apply when conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more information enter HELP PROP at an arrow prompt in the file or refer to the file summary sheet on the web at:  
<http://www.cas.org/ONLINE/DBSS/registryss.html>

=>  
L5 STRUCTURE UPLOADED

=> s sam sss l5

SAMPLE SEARCH INITIATED 06:46:05 FILE 'REGISTRY'  
SAMPLE SCREEN SEARCH COMPLETED - 8173 TO ITERATE

12.2% PROCESSED 1000 ITERATIONS 0 ANSWERS  
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)  
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*  
BATCH \*\*COMPLETE\*\*  
PROJECTED ITERATIONS: 158042 TO 168878  
PROJECTED ANSWERS: 0 TO 0

L6 0 SEA SSS SAM L5

=> s l5 full sss  
FULL SEARCH INITIATED 06:46:57 FILE 'REGISTRY'  
FULL SCREEN SEARCH COMPLETED - 164939 TO ITERATE

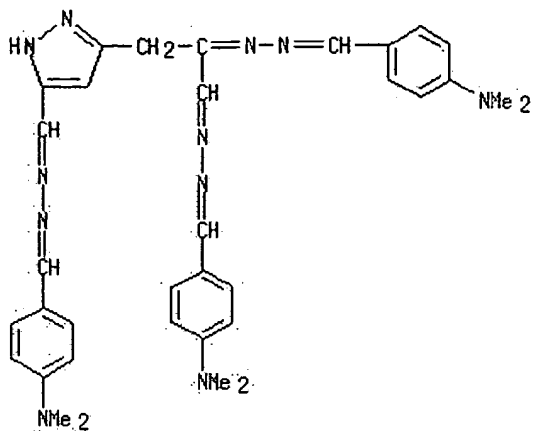
100.0% PROCESSED 164939 ITERATIONS 6 ANSWERS  
SEARCH TIME: 00.00.04

L7 6 SEA SSS FUL L5

=> d scan

L7 6 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN  
IN 1H-Pyrazole-3-propanal,  $\alpha$ -[[[4-(dimethylamino)phenyl]methylene]hydrazone]-5-[[[4-(dimethylamino)phenyl]methylene]hydrazono]methyl]-, [[4-(dimethylamino)phenyl]methylene]hydrazone (9CI)  
MF C34 H39 N11

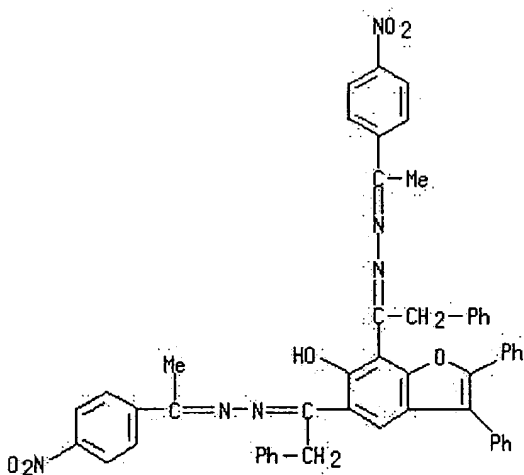




\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1).

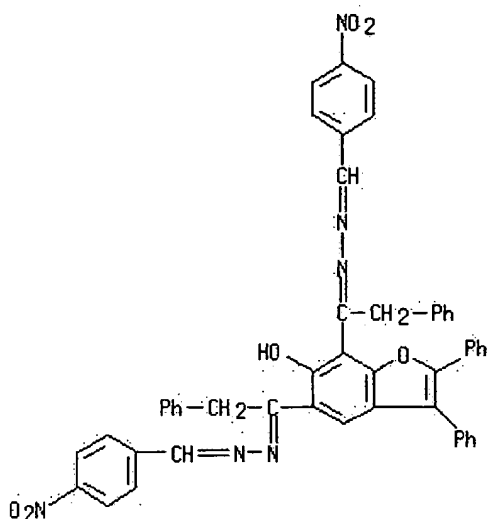
L7 6 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN  
 IN Ethanone, 1,1'-(6-hydroxy-2,3-diphenyl-5,7-benzofurandiyl)bis[2-phenyl-,  
 bis[[1-(4-nitrophenyl)ethylidene]hydrazone] (9CI)  
 MF C52 H40 N6 O6



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1).

L7 6 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN  
 IN Benzaldehyde, 4-nitro-, [(6-hydroxy-2,3-diphenyl-5,7-  
 benzofurandiyl)bis(phenylethylidene)]dihydrazone (9CI)  
 MF C50 H36 N6 O6



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

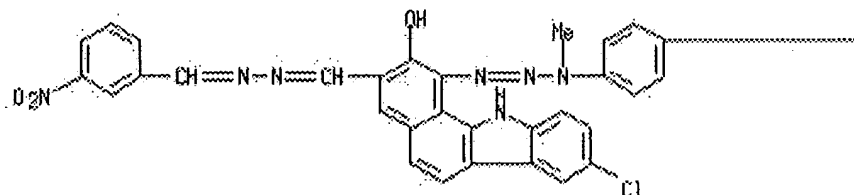
HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1).

L7 6 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN

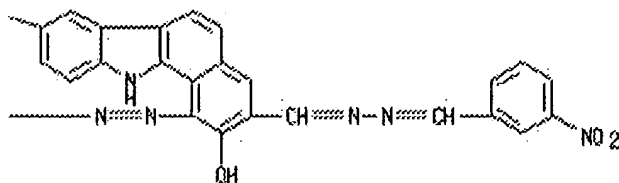
IN 11H-Benzo[a]carbazole-3-carboxaldehyde, 8-chloro-1-[3-[4-[[8-chloro-2-hydroxy-3-[[[(3-nitrophenyl)methylene]hydrazono]methyl]-11H-benzo[a]carbazol-1-yl]azo]phenyl]-3-methyl-1-triazenyl]-2-hydroxy-, [[(3-nitrophenyl)methylene]hydrazone (9CI)

MF C55 H35 Cl2 N13 O6

PAGE 1-A  
Cl



PAGE 1-B



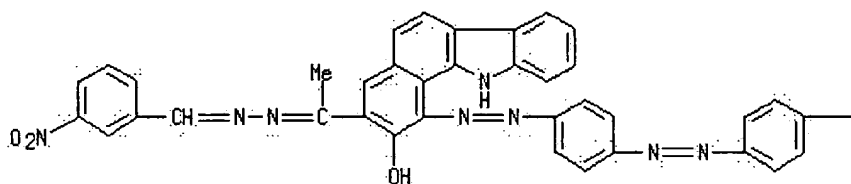
# STN Columbus

\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

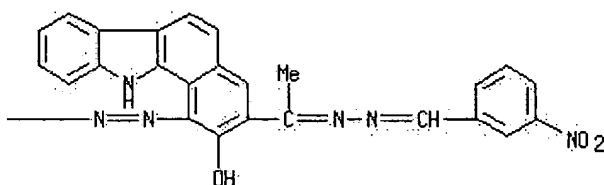
HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1) .

L7 6 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN  
 IN Benzaldehyde, 3-nitro-, [azobis[4,1-phenyleneazo(2-hydroxy-11H-  
 benzo[a]carbazole-1,3-diyl)ethylidyne]]dihydrazone (9CI)  
 MF C62 H42 N14 O6

PAGE 1-A



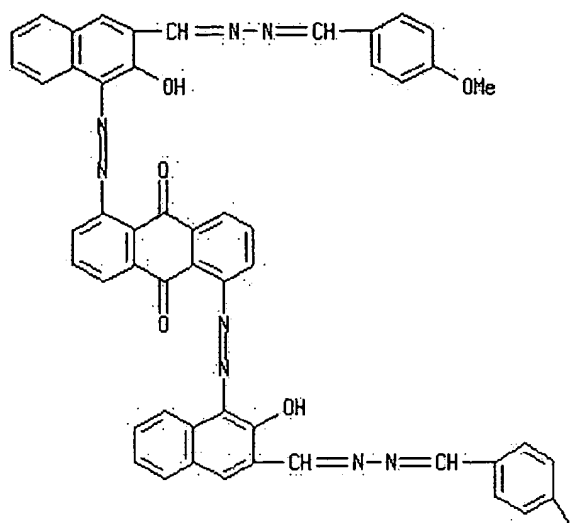
PAGE 1-B



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1) .

L7 6 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN  
 IN 2-Naphthalenecarboxaldehyde, 4,4'-[(9,10-dihydro-9,10-dioxo-1,5-  
 anthracenediyl)bis(azo)]bis[3-hydroxy-, 2,2'-bis[[4-  
 methoxyphenyl)methylene]hydrazone] (9CI)  
 MF C52 H36 N8 O6



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

ALL ANSWERS HAVE BEEN SCANNED

=> fil ca; s 17

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

163.48

164.98

FILE 'CA' ENTERED AT 06:48:17 ON 21 MAR 2005

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FILE COVERS 1907 - 17 Mar 2005 VOL 142 ISS 13

FILE LAST UPDATED: 17 Mar 2005 (20050317/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

L8 3 L7

=&gt; d hitstr 1-3

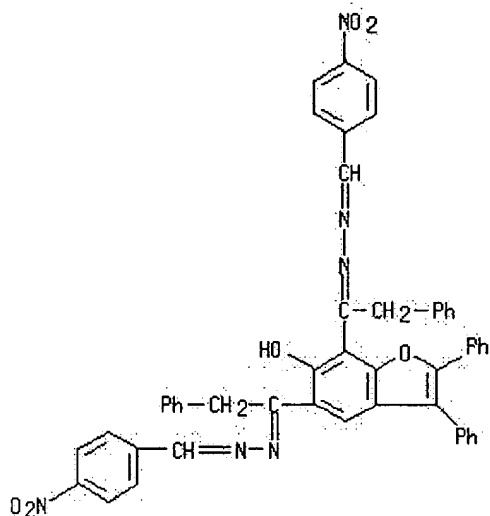
L8 ANSWER 1 OF 3 CA COPYRIGHT 2005 ACS on STN

IT 130284-68-3P 130284-70-7P

RL: SPN (Synthetic preparation); PREP (Preparation)  
(prepn. of)

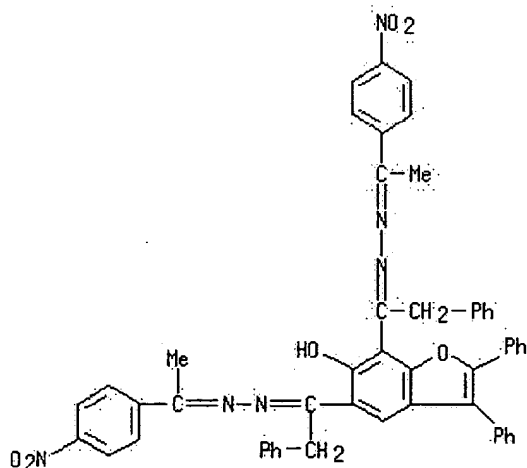
RN 130284-68-3 CA

CN Benzaldehyde, 4-nitro-, [(6-hydroxy-2,3-diphenyl-5,7-benzofurandiyl)bis(phenylethylidene)]dihydrazone (9CI) (CA INDEX NAME)



RN 130284-70-7 CA

CN Ethanone, 1,1'-(6-hydroxy-2,3-diphenyl-5,7-benzofurandiyl)bis[2-phenyl-, bis[[1-(4-nitrophenyl)ethylidene]hydrazone] (9CI) (CA INDEX NAME)



L8 ANSWER 2 OF 3 CA COPYRIGHT 2005 ACS on STN

# STN Columbus

IT 123577-03-7 123577-06-0 123598-87-8

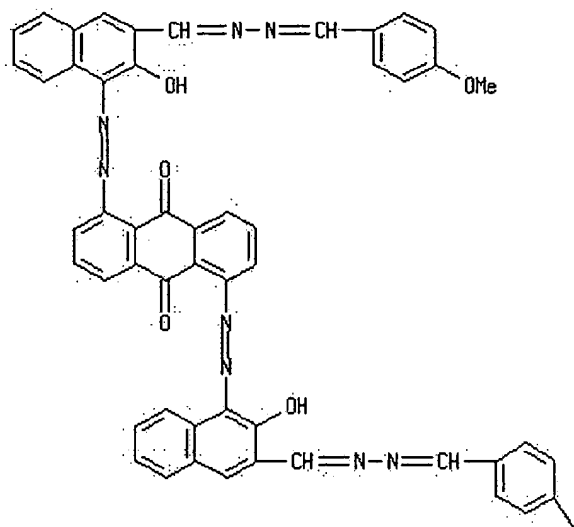
RL: USES (Uses)

(photoconductive layer contg., for electrophotog. photoreceptor)

RN 123577-03-7 CA

CN 2-Naphthalenecarboxaldehyde, 4,4'-[(9,10-dihydro-9,10-dioxo-1,5-anthracenediyl)bis(azo)]bis[3-hydroxy-, 2,2'-bis[[4-methoxyphenyl)methylene]hydrazone] (9CI) (CA INDEX NAME)

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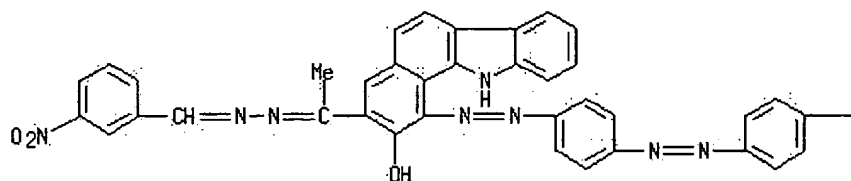
PAGE 2-A



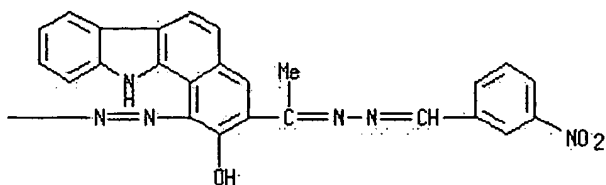
RN 123577-06-0 CA

CN Benzaldehyde, 3-nitro-, [azobis[4,1-phenyleneazo(2-hydroxy-11H-benzo[a]carbazole-1,3-diyl)ethyldiyne]]dihydrazone (9CI) (CA INDEX NAME)

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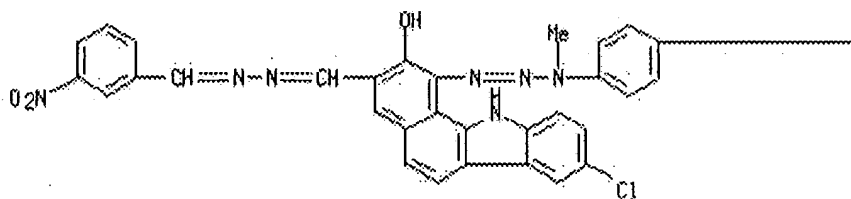


RN 123598-87-8 CA

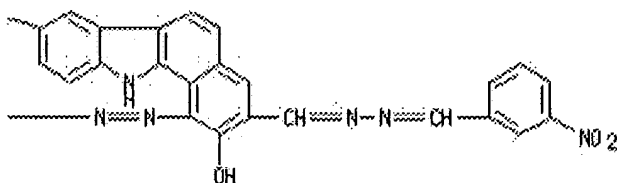
CN 11H-Benzo[a]carbazole-3-carboxaldehyde, 8-chloro-1-[3-[4-[[8-chloro-2-hydroxy-3-[[[(3-nitrophenyl)methylene]hydrazono]methyl]-11H-benzo[a]carbazol-1-yl]azo]phenyl]-3-methyl-1-triazenyl]-2-hydroxy-, [[(3-nitrophenyl)methylene]hydrazone (9CI) (CA INDEX NAME)

PAGE 1-A

Cl



PAGE 1-B



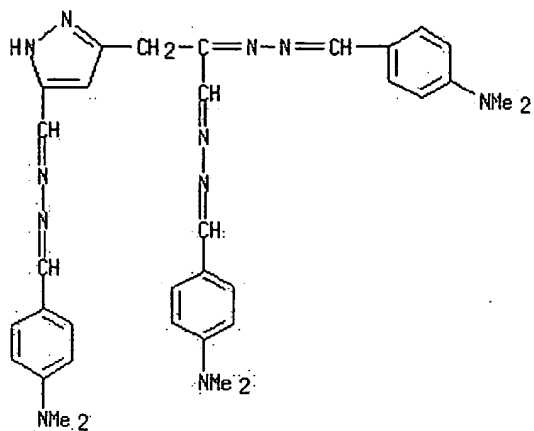
L8 ANSWER 3 OF 3 CA COPYRIGHT 2005 ACS on STN

IT 65884-39-1

RL: BIOL (Biological study)  
(growth stimulant, for chicken)

RN 65884-39-1 CA

CN 1H-Pyrazole-3-propanal,  $\alpha$ -[[[4-(dimethylamino)phenyl]methylene]hydrazono]-5-[[[4-(dimethylamino)phenyl]methylene]hydrazono]methyl]-, [[4-(dimethylamino)phenyl]methylene]hydrazone (9CI) (CA INDEX NAME)



=> d fbib l8

L8 ANSWER 1 OF 3 CA COPYRIGHT 2005 ACS on STN

Full Text

AN 113:211739 CA

TI Some reactions of 2,3-diphenyl-5,7-bis(phenylacetyl)-6-hydroxybenzofuran

AU Hishmat, O. H.; Abd-El Rahman, A. H.; El Diwany, H. I.; Abu-Bakr, S. M.

CS Chem. Natl. Prod. Dep., Natl. Res. Cent., Cairo, Egypt

SO Egyptian Journal of Chemistry (1989), Volume Date 1987, 30(5), 413-20

CODEN: EGJCA3; ISSN: 0367-0422

DT Journal

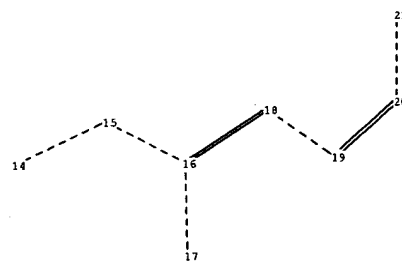
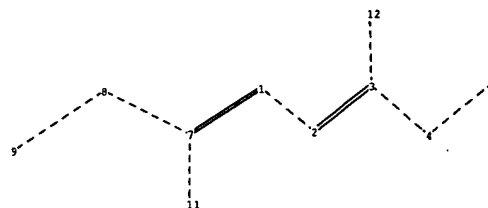
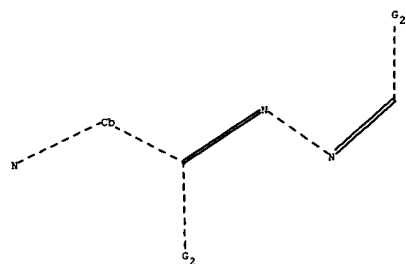
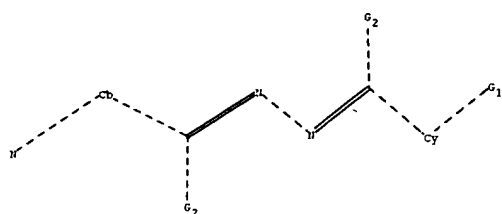
LA English

OS CASREACT 113:211739

=>



LS



chain nodes :

1 2 3 4 6 7 8 9 11 12 14 15 16 17 18 19 20 21

chain bonds :

1-2 1-7 2-3 3-4 3-12 4-6 7-8 7-11 8-9 14-15 15-16 16-17 16-18 18-19 19-20  
20-21

exact/norm bonds :

1-2 1-7 2-3 3-4 3-12 4-6 7-8 7-11 8-9 14-15 15-16 16-17 16-18 18-19 19-20  
20-21

G1:C,O,S,N,P

G2:C,H

Match level :

1:CLASS 2:CLASS 3:CLASS 4:Atom 6:CLASS 7:CLASS 8:Atom 9:CLASS 11:CLASS 12:CLASS  
14:CLASS 15:Atom 16:CLASS 17:CLASS 18:CLASS 19:CLASS 20:CLASS 21:CLASS